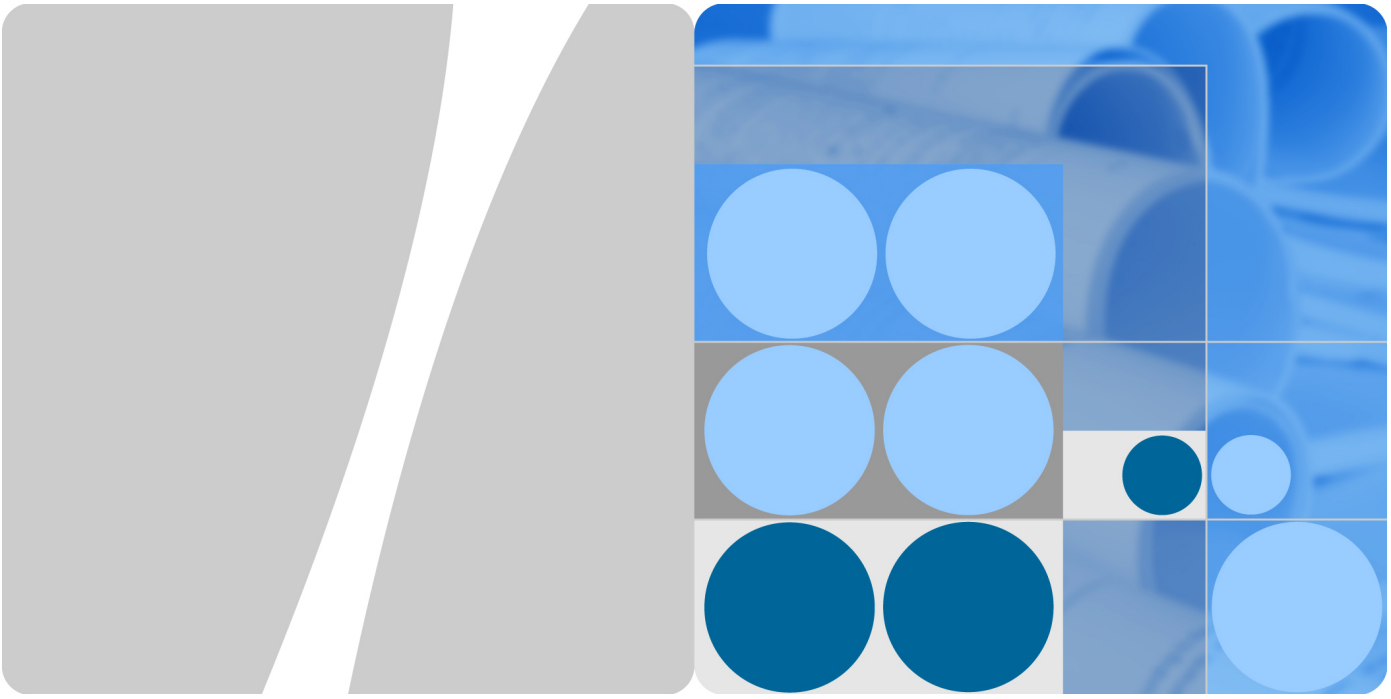

RRU3004 Product Datasheet

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HUAWEI TECHNOLOGIES CO., LTD.

1 RRU3004

The RRU3004 performs the following main functions:

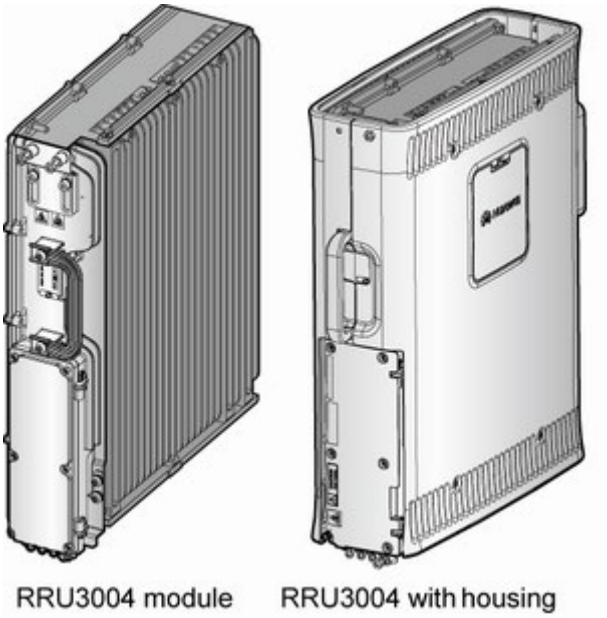
- Modulation and demodulation between baseband signals and RF signals
- Data processing
- Signal combining and dividing

Each RRU3004 module supports up to two carriers. The modular design enables operators to flexibly combine different modules according to the actual capacity and coverage requirements. Quick capacity expansion can be achieved by cascading the RRUs onto a single BBU CPRI port.

1.1 Appearance of the RRU3004

The RRU3004, a remote radio unit designed on the basis of double-transceiver technology, is used mainly for small or medium-capacity sites. Figure 2-14 shows the appearance of the RRU3004.

Figure 2-14 Appearance of the RRU3004



1.2 Ports on the RRU3004

Table 2-8 describes the ports on the RRU3004.

Table 2-8 Ports on the RRU3004

Port	Specification
ANT_TX/RXA	Antenna ports for connection with the antenna system
ANT_TX/RXB	
EXT_ALM	Alarm port
RET	Port for the Remote Electrical Tilt (RET) antenna
TX RX CPRI_E	Eastward optical/electrical port
TX RX CPRI_W	Westward optical/electrical port

Table 2-9 describes the buttons and wiring terminals of the RRU3004.

Table 2-9 Buttons and wiring terminals of the RRU3004

Silkscreen on the Panel	Description
RST	Button for resetting the RRU3004
TST VSWR	Button for starting a VSWR test

TST CPRI	Button for the CPRI port test
RTN+	Power supply wiring terminals
NEG-	